

June 23, 2000

Ms. Grisell V. Diaz-Cotto
Emergency and Remedial Response Division
United States Environmental Protection Agency
Region III
290 Broadway, 19th Floor
New York, NY 10007-1866

Re: May 2000 Discharge Monitoring Report
Leachate Treatment Plant, Operable Unit 1
Kin-Buc Landfill Superfund Site

Dear Ms. Diaz-Cotto:

The May 2000 Discharge Monitoring Report (DMR) for the Leachate Treatment Plant of Operable Unit 1, Kin-Buc Landfill Superfund Site, prepared by U.S. Filter Operating Services is attached. We will provide copies of the DMR to Ian Curtis and Susan Dietrick at the NJDEP.

Should you have any questions concerning the DMR or other site items, please contact me or Glenn Grieb at the Kin-Buc site.

Very truly yours,
USFilter Operating Services
On behalf of SCA Services, Inc.,



Dennis J. Duryea, P.E.
Area Manager

Enclosure

cc: Ian Curtis - NJDEP
Susan Dietrick - NJDEP
Stephen Joyce - SCA
Carl Januszkiewicz - Waste Management
Glenn Grieb - USFOS, Kin-Buc
File



PERMITTEE NAME/ADDRESS

NAME
ADDRESS

SCA SERVICES, INC.
383 MEADOW ROAD
EDISON, NEW JERSEY 08817

FACILITY
LOCATION
ATTN:

KIN-BUC LANDFILL
EDISON, NEW JERSEY
CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT
PERMIT NUMBER

001
DISCHARGE NUMBER

| MONITORING PERIOD | | | | | | |
|-------------------|----|-----|----|------|----|-----|
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
| 00 | 05 | 01 | | 00 | 05 | 31 |

| PARAMETER | | QUANTITY OR LOADING | | | QUALITY OR CONCENTRATION | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|--------------------|---|----------|--------|--------------------------|---------|--------------|--------|-------------|-----------------------|-------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| FLOW | SAMPLE MEASUREMENT | 0.016485 | 0.031134 | MGD | ***** | ***** | ***** | *** | | continuous | flow meter |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | ***** | ***** | | | continuous | flow meter |
| pH | SAMPLE MEASUREMENT | | | *** | 8.27 | | 8.48 | S.U. | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | ***** | ***** | | 9.0 | ***** | 9.0 | | | weekly | grab |
| PETROLEUM HYDROCARBONS | SAMPLE MEASUREMENT | | | *** | ***** | <0.5 | <0.5 | mg/l | 0 | 2/month | grab |
| | PERMIT REQUIREMENT | ***** | ***** | | ***** | 10 | 15 | | | 2/month | grab |
| COD | SAMPLE MEASUREMENT | 19.1 | 30.2 | kg/day | ***** | 185 | 282 | mg/l | | 4/month | comp. |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT | ONLY | | | 2/month | comp. |
| BOD-5 % REMOVAL | SAMPLE MEASUREMENT | | | *** | >94% | | | % | 0 | 2/month | calc. |
| | PERMIT REQUIREMENT | ***** | ***** | | 90 | ***** | ***** | | | 2/month | calc. |
| TOTAL SUSPENDED SOLIDS | SAMPLE MEASUREMENT | <0.114 | <0.114 | kg/day | ***** | <1.0 | <1.0 | mg/l | 0 | 1/week | comp. |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | 30 | 45(1) | | | weekly | comp. |
| DISSOLVED OXYGEN | SAMPLE MEASUREMENT | | | *** | 5.8 | | | mg/l | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | ***** | ***** | | 4.0 MIN. INSTANT | ***** | ***** | | | weekly | grab |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years) | | | | | TELEPHONE | | DATE | | |
| Dennis J. Duryea, P.E. Area Manager | | | | | | | 732 572-4743 | | 00 06 25 | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | | AREA CODE | NUMBER | YEAR MO DAY | | |
| COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS | | (REFERENCE ALL ATTACHMENTS HERE) | | | | | | | | | |

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

| | | | | | | |
|----------------------|----|-----|------------------|------|----|-----|
| NJ PERMIT EQUIVALENT | | | 001 | | | |
| PERMIT NUMBER | | | DISCHARGE NUMBER | | | |
| MONITORING PERIOD | | | | | | |
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
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| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | | |
| BENZENE | SAMPLE MEASUREMENT | <0.00025 | <0.00025 | kg/day | ***** | <2.3 | <2.3 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.009 | 0.02 | | ***** | 67 | 134 | | | 2/month | grab | |
| CHLORO BENZENE | SAMPLE MEASUREMENT | <0.00030 | <0.00030 | kg/day | ***** | <2.8 | <2.8 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.022 | 0.058 | | ***** | 142 | 380 | | | 2/month | grab | |
| 1,1 DICHLOROETHENE | SAMPLE MEASUREMENT | <0.00030 | <0.00030 | kg/day | ***** | <2.8 | <2.8 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.003 | 0.009 | | ***** | 22 | 59 | | | 2/month | grab | |
| ETHYLBENZENE | SAMPLE MEASUREMENT | <0.00030 | <0.00030 | kg/day | ***** | <2.8 | <2.8 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.022 | 0.058 | | ***** | 142 | 380 | | | 2/month | grab | |
| TETRACHLOROETHYLENE | SAMPLE MEASUREMENT | 0.00036 | 0.00041 | kg/day | ***** | 2.3 | 3.8 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.008 | 0.025 | | ***** | 52 | 164 | | | 2/month | grab | |
| TOLUENE | SAMPLE MEASUREMENT | <0.00047 | <0.00047 | kg/day | ***** | <4.4 | <4.4 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.004 | 0.011 | | ***** | 28 | 74 | | | 2/month | grab | |
| 1,2-TRANS DICHLOROETHYLENE | SAMPLE MEASUREMENT | <0.00027 | <0.00027 | kg/day | ***** | <2.5 | <2.5 | ug/L | 0 | 3/month | grab | |
| | PERMIT REQUIREMENT | 0.004 | 0.009 | | ***** | 25 | 60 | | | 2/month | grab | |
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| Dennis J. Duryea, P.E. Area Manager | | | | | | | 732 572-4743 | | 00 06 28 | | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | | AREA COD | NUMBER | | YEAR | MO | DAY |
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DISCHARGE MONITORING REPORT

| | | | | | | |
|---------------------------------------|----|-----|-------------------------|------|----|-----|
| NJ PERMIT EQUIVALENT PERMIT NUMBER | | | 001 DISCHARGE NUMBER | | | |
| MONITORING PERIOD | | | | | | |
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
| 00 | 05 | 01 | | 00 | 05 | 31 |

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|---|--------------------|---|-----------|--------|--------------------------|---|---------|-------|-----------|-----------------------------|----------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| TRICHLOROETHYLENE | SAMPLE MEASUREMENT | 0.00033 | 0.00041 | kg/day | ***** | 2.1 | 4.1 | ug/L | 0 | 3/month | grab |
| | PERMIT REQUIREMENT | 0.004 | 0.010 | | ***** | 26 | 69 | | | 2/month | grab |
| VINYL CHLORIDE | SAMPLE MEASUREMENT | <0.00049 | <0.00049 | kg/day | ***** | <4.3 | <4.3 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | 0.008 | 0.016 | | ***** | 52.8 | 106 | | | weekly | grab |
| ACENAPHTHYLENE | SAMPLE MEASUREMENT | <0.00010 | <0.00010 | kg/day | ***** | <0.94 | <0.94 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
| BENZO(A)ANTHRACENE | SAMPLE MEASUREMENT | <0.000095 | <0.000095 | kg/day | ***** | <0.89 | <0.89 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
| BENZO(A)PYRENE | SAMPLE MEASUREMENT | <0.000051 | <0.000051 | kg/day | ***** | <0.48 | <0.48 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
| BENZO(ghi)PERYLENE | SAMPLE MEASUREMENT | <0.000058 | <0.000058 | kg/day | ***** | <0.54 | <0.54 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
| BENZO(k)FLUORANTHENE | SAMPLE MEASUREMENT | <0.000089 | <0.000089 | kg/day | ***** | <0.92 | <0.92 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
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| Dennis J. Duryea, P.E. Area Manager | | | | | |  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | 732 | 572-4743 | 00 | 06 |
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

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|----------------------|----|-----|------------------|------|----|-----|
| NJ PERMIT EQUIVALENT | | | 001 | | | |
| PERMIT NUMBER | | | DISCHARGE NUMBER | | | |
| MONITORING PERIOD | | | | | | |
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
| 00 | 05 | 01 | | 00 | 05 | 31 |

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|--|--------------------|---|------------|--------|--------------------------|------------------|---------|-------|-------------|-----------------------|-------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| IDENO(1,2,3cd) PYRENE | SAMPLE MEASUREMENT | <0.000063 | <0.000063 | kg/day | ***** | <0.59 | <0.59 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.00026 | 0.00052 | | ***** | 1.72 | 3.43 | | | monthly | grab |
| PHENANTHRENE | SAMPLE MEASUREMENT | <0.000065 | <0.000065 | kg/day | ***** | <0.57 | <0.57 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 5.4(2) | | | weekly | grab |
| ALDRIN | SAMPLE MEASUREMENT | <0.0000053 | <0.0000053 | kg/day | ***** | <0.05 | <0.05 | ug/L | 0 | 1/month | grab |
| | PERMIT REQUIREMENT | 0.000133 | 0.00026 | | ***** | 0.0875 | 0.176 | | | monthly | grab |
| 4,4-DDT | SAMPLE MEASUREMENT | <0.000011 | <0.000011 | kg/day | ***** | <0.1 | <0.1 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | 0.0000578 | 0.000146 | | ***** | 0.38 | 0.765 | | | weekly | grab |
| PCB-1242 | SAMPLE MEASUREMENT | <0.000034 | <0.000034 | kg/day | ***** | <0.3 | <0.3 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 0.5(2) | | | weekly | grab |
| PCB-1248 | SAMPLE MEASUREMENT | <0.000034 | <0.000034 | kg/day | ***** | <0.3 | <0.3 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 0.5(2) | | | weekly | grab |
| PCB-1254 | SAMPLE MEASUREMENT | <0.000034 | <0.000034 | kg/day | ***** | <0.3 | <0.3 | ug/L | 0 | 1/week | grab |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 0.5(2) | | | weekly | grab |
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| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | YEAR | MO | DAY |
| PCB-1260 | SAMPLE MEASUREMENT | <0.000034 | <0.000034 | kg/day | ***** | <0.3 | <0.3 | ug/L | 0 | 1/week | grab | | |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 0.5(2) | | | weekly | grab | | |
| ARSENIC | SAMPLE MEASUREMENT | <0.0011 | <0.0011 | kg/day | ***** | <10 | <10 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | 0.013 | 0.026 | | ***** | 85.8 | 172 | | | weekly | comp | | |
| CADMIUM | SAMPLE MEASUREMENT | <0.00057 | <0.00057 | kg/day | ***** | <5.0 | <5.0 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | 0.0073 | 0.017 | | ***** | 48.2 | 112 | | | weekly | comp | | |
| CHROMIUM | SAMPLE MEASUREMENT | <0.0011 | <0.0011 | kg/day | ***** | <10 | <10 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | 0.030 | 0.060 | | ***** | 198 | 396 | | | weekly | comp | | |
| COPPER | SAMPLE MEASUREMENT | <0.00022 | <0.00022 | kg/day | ***** | <2 | <2 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 10 | | | weekly | comp | | |
| LEAD | SAMPLE MEASUREMENT | <0.00057 | <0.00057 | kg/day | ***** | <5 | <5 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | REPORT | ONLY | | ***** | REPORT ONLY | 10 | | | weekly | comp | | |
| NICKEL | SAMPLE MEASUREMENT | <0.0046 | <0.0046 | kg/day | ***** | <40 | <40 | ug/L | 0 | 1/week | comp | | |
| | PERMIT REQUIREMENT | 0.140 | 0.281 | | ***** | 924 | 1850 | | | weekly | comp | | |
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| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| ZINC | SAMPLE MEASUREMENT | <0.0023 | <0.0023 | kg/day | ***** | <20 | <20 | ug/L | 0 | 1/week | comp |
| | PERMIT REQUIREMENT | 0.177 | 0.356 | | ***** | 1170 | 2350 | | | weekly | comp |
| CYANIDE | SAMPLE MEASUREMENT | <0.0011 | <0.0011 | kg/day | ***** | <10 | <10 | ug/L | 0 | 1/week | comp |
| | PERMIT REQUIREMENT | 0.002 | 0.004 | | ***** | 13.2 | 26.4 | | | weekly | comp |
| ALUMINUM | SAMPLE MEASUREMENT | 0.011 | 0.011 | kg/day | ***** | 61 | 103 | ug/L | 0 | 1/week | comp |
| | PERMIT REQUIREMENT | 1.40 | 2.81 | | ***** | 9240 | 18500 | | | weekly | comp |
| IRON | SAMPLE MEASUREMENT | <0.011 | <0.011 | kg/day | ***** | <100 | <100 | ug/L | 0 | 1/week | comp |
| | PERMIT REQUIREMENT | 80.6 | 162 | | ***** | 532000 | 1070000 | | | weekly | comp |
| ACUTE TOXICITY, (LC50) | SAMPLE MEASUREMENT | | | *** | | ***** | ***** | % | | | |
| | PERMIT REQUIREMENT | ***** | ***** | | 50(3) | ***** | ***** | | | see permit | equivalent |
| | SAMPLE MEASUREMENT | | | *** | | ***** | ***** | | | | |
| | PERMIT REQUIREMENT | | | | | ***** | ***** | | | | |
| | SAMPLE MEASUREMENT | | | *** | | ***** | ***** | | | | |
| | PERMIT REQUIREMENT | ***** | ***** | | | ***** | ***** | | | | |
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COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

(REFERENCE ALL ATTACHMENTS HERE)

Date JUNE 23, 2000

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

MONTH | 0 | 5 | YEAR | 0 | 0 |

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 8 | 8 | 8 | 8 | 8 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 8 | 8 |
| 16 | 16 | 16 | 16 | 16 | 0 | 0 | 16 | 16 | 16 | 16 | 16 | 0 | 0 | 16 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 8 | 8 | 8 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 8 | 8 | 8 | |
| 16 | 16 | 16 | 0 | 0 | 16 | 16 | 16 | 16 | 16 | 0 | 0 | 16 | 16 | 16 | |

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

| | | | | | | |
|---|--|--|--|--|--|--|
| • | | | | | | |
|---|--|--|--|--|--|--|

*NJ Permit Equivalent

REPORTING PERIOD

| | | | | | | | |
|---|----|---|----|---|----|---|----|
| M | o. | Y | r. | M | o. | Y | r. |
| 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 |

PERMITTEE: Name: SCA Services, Inc.
Address: 383 Meadow Road
Edison, New Jersey 08817

FACILITY: Name: Kin-Buc Landfill
Address: 383 Meadow Road
Edison, New Jersey 08817
Telephone: 732-572-4743

FORMS ATTACHED (Indicate Quantity of Each)

Operating Exceptions

SLUDGE REPORT-SANITARY
___ T-VWX-007 ___ T-VWX-008 ___ T-VWX-009
___ EPA Form 3320-1

DYE TESTING YES NO
___ X

SLUDGE REPORT-INDUSTRIAL
___ T-VWX-010A ___ T-VWX-010B

TEMPORARY BYPASSING ___ X

WASTEWATER REPORTS
___ T-VWX-011 ___ T-VWX-012 ___ T-VWX-013

DISINFECTION INTERRUPTION ___ X

GROUNDWATER REPORTS
___ T-VWX-015(A,B) ___ T-VWX-016 ___ T-VWX-017
___ ELECTRONIC SUBMISSION

MONITORING MALFUNCTIONS ___ X

UNITS OF OPERATION ___ X

OTHER ___ X

NPDES DISCHARGE MONITORING
X EPA Form 3320-1

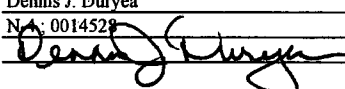
(Detail any "Yes" on reverse side in appropriate space.)

NOTE: The "Hours Attended at Plant" on the reverse of this sheet must also be completed.

AUTHENTICATION I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER OR
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Dennis J. Duryea
Grade & Registry No. N.A. 0014529
Signature 

Name (Printed) Dennis J. Duryea
Title (Printed) Plant Operations Manager
Signature 